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**From: Dan Cleveland**

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To:	Company:	Fax Number:	Phone Number:
Group No 1631	United States Patent Office	703-872-9306	

*Number of Pages Transmitted (including this cover sheet): 11*

**Applicant: Christopher M. Fender et al.**

**Examiner: Ardin H. Marschel**

**Serial No.: 10/079,468**

**Group Art Unit: 1631**

**Filed: February 19, 2002**

**Confirmation No. 6678**

**For: USE OF INFRARED  
SPECTROSCOPY IN GENOTYPIC  
ANALYSIS**

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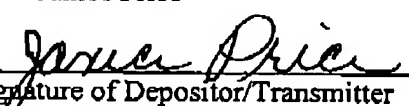
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<b>CERTIFICATE OF TRANSMISSION (37 CFR 1.8)</b> Applicant(s): Christopher M. Fender et al.			Atty Docket No.  399483
Application No.  10/079,468	Filing Date  February 19, 2002	Examiner  Ardin H. Marschel	Group Art Unit  1631
<b>Title:</b> USE OF INFRARED SPECTROSCOPY IN GENOTYPIC ANALYSIS			
Date of Transmittal: <u>October 20, 2004</u>			
I hereby certify that the following documents:			
<ol style="list-style-type: none"><li>1. Transmittal (1 page)</li><li>2. Amendment (8 pages)</li><li>3. Certificate of Transmission (1 page)</li><li>4. Fax Cover Sheet (1 page)</li></ol>			
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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	10/079,488
	Filing Date	February 19, 2002
	First Named Inventor	Christopher M. Fender
	Art Unit	1631
	Examiner Name	Ardin H. Marschel
Total Number of Pages in This Submission	Attorney Docket Number	399483

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## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Dan Cleveland, Jr., 38,108		
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*Patent*  
Attorney Docket No. 399483

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

First Named Applicant:  
Christopher M. Fender

Examiner: Ardin H. Marschel

Serial No.: 10/079,468

Group Art Unit: 1631

Filed: February 19, 2002

Confirmation No. 6678

For: USE OF INFRARED  
SPECTROSCOPY IN GENOTYPIC  
ANALYSIS

Mail Stop Amendment  
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**AMENDMENT**

Applicant is responding to the Office Actions dated June 14, 2004 and October 6, 2004.

Amendments to the Claims begin on Page 2.

Remarks begin on page 7.